

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An automatic call connection method for a mobile communication terminal, comprising the steps of:

storing call information ~~used~~ for a setup call during initial call setup;

determining, if call drop occurs during [[a]] the setup call, whether an order identifier of an order message indicating call end occurring due to the call drop, was set to a value previously agreed upon between the mobile communication terminal and a base station, i.e., a value indicating the call end using the call information, and whether the call drop is an was unintentional-call drop; and

automatically reconnecting a previous call between two mobile communication terminals, i.e., the dropped call based on the stored call information, if the call drop is determined to [[be]] have been unintentional.

2. (Currently Amended) The automatic call connection method of claim 1, wherein the determining step determines that unintentional call drop has occurred if an air message is not received ~~for during~~ a valid waiting time previously set in one of a mobile communication terminal conducting the call and [[a]] the base station controlling the call.

3. (Currently Amended) The automatic call connection method of claim 1, wherein the automatically reconnecting step further comprises:

(a) generating a message for providing notification of the unintentional call drop by one of the mobile communication terminal and the base station, and transmitting the generated message to an other party;

(b) generating an origination message for automatic reconnection of the dropped call using the call information ~~stored~~ by the mobile communication terminal upon receiving notification ~~of the unintentional call drop~~;

(c) transmitting the generated origination message from the mobile communication terminal to the base station;

(d) receiving, by the mobile communication terminal, channel information for automatic reconnection of the dropped call from the base station, and setting up a traffic channel based on the received channel information; and

(d) connecting the dropped call using the traffic channel.

4. (Cancelled)

5. (Original) The automatic call connection method of claim 3, wherein step (b) comprises receiving a user's approval for automatic connection of the previous call by the mobile communication terminal.

6. (Currently Amended) The automatic call connection method of claim 1, wherein the ~~automatically reconnecting~~ automatic reconnection step further comprises the steps of:

generating a message for providing notification of unintentional call drop by one of the mobile communication terminal and the base station, and transmitting the generated message to an other party;

assigning a traffic channel for automatic reconnection of the dropped call by the base

station using the stored call information, upon receiving the generated message for providing notification of the unintentional call drop;

transmitting the traffic channel to all mobile communication terminals with which by the base station was conducting the dropped call; and

reconnecting ~~connecting~~ the dropped call using the traffic channel.

7. (Cancelled)

8. (New) An automatic call connection method for a mobile communication terminal by a base station, comprising the steps of:

storing call information for a call during initial call setup between two mobile communication terminals;

determining, if call drop occurs during the call, whether the call drop was unintentional;

automatically reconnecting a previous call between two mobile communication terminals, i.e., the dropped call, based on the stored call information, if the call drop is determined to have been unintentional.

9. (New) The automatic call connection method of claim 8, wherein the determining step determines that unintentional call drop has occurred if an air message is not received during a valid waiting time previously set.

10. (New) The automatic call connection method of claim 8, wherein the automatic reconnection step further comprises the steps of:

(a-1) generating a message for providing notification of the unintentional call drop, and

transmitting the generated message to the mobile communication terminal;

(b-1) receiving a generated origination message for automatic re-connection of the previous call using the call information from the mobile communication terminal;

(c-1) assigning a traffic channel for the automatic re-connection of the previous call based on the received origination message; and

(d-1) transmitting the traffic channel to the mobile communication terminal and reconnecting the previous call between two mobile communication terminals.

11. (New) The automatic call connection method of claim 10, wherein step (a-1) further comprises the step of setting an order identifier (ORDQ) of an order message indicating call end to a value previously agreed upon between the mobile communication terminal and a base station.

12. (New) The automatic call connection method of claim 10, wherein step (b-1) further comprises the step of receiving a user's approval for automatic re-connection of the previous call by the mobile communication terminal.

13. (New) The automatic call connection method of claim 1, wherein the call information is a phone number of a previously called party and a service option of the previous call.

14. (New) The automatic call connection method of claim 8, wherein the call information is a phone number of a previously called party and a service option of the previous call.

15. (New) An automatic call connection method for a mobile communication terminal by a base station, comprising the steps of:

storing call information for a call during initial call setup between two mobile

communications terminals;

determining, if call drop occurs during the call, whether an order identifier of an order message indicating call end occurring due to the call drop, was set to a value previously agreed upon between the mobile communication terminal and a base station, i.e., a value indicating the call end, and whether the call drop was unintentional; and

automatically reconnecting a previous call, i.e., the dropped call, based on the stored call information, if the call drop is determined to have been unintentional.

16. (New) The automatic call connection method of claim 15, wherein the determining step determines that unintentional call drop has occurred if an air message is not received during a valid waiting time previously set.

17. (New) The automatic call connection method of claim 15, wherein the automatically reconnecting step further comprises the steps of:

(a-2) generating a message for providing notification of the unintentional call drop, and transmitting the generated message to the mobile communication terminal;

(b-2) receiving an origination message generated by the mobile communication terminal for automatic re-connection of the previous call using the call information;

(c-2) assigning a traffic channel for the automatic re-connection of the previous call based on the received origination message.

(d-2) transmitting the traffic channel to the mobile communication terminal and reconnecting the previous call between two mobile communication terminals.

18. (New) The automatic call connection method of claim 17, wherein step (b-2) further

Appl No.: 10/772,508
Art Unit: 2618

Docket No. 678-1162 (P10777)
Customer No. 66547

comprises the step of receiving a user's approval for automatic connection of the previous call by the mobile communication terminal.